

Arizona (12)

Cochise County

SQUAW MTN.

1927 N.A.D. (Adj. 1958) NAD 83 VALUES AVAILABLE

D.W. Ruthven, 1957

Books: PH 491-492

Located about 23 mi. N. of the United States-Mexico border, 7 mi. W. of the Arizona-New Mexico State Line on a low, lone, hill known as "Squaw Mtn." and 1 mi. NW. of U.S. Highway 80 (Phoenix-El Paso Airways Beacon No. 24 is on the top of this hill.)

To reach from Douglas P.O., drive NE. on U.S. Highway 80 for 37.1 mi. and the RR. siding of Apache; turn left at S. edge of Apache Store for 0.1 mi. to gate and rd. forks; take left fork 0.2 mi. to rd. forks and pipe line; take left fork along pipe line for 2.3 mi. to small building on the pipe line and rd. fork right; take right fork 0.4 mi. to generator building for the Airway Beacon. Climb up graded-trail to Airway Beacon and station.

Station mark: Standard tablet stamped "SQUAW MTN 1957" cemented in drill hole in solid rock.

Reference mark No. 1: Standard reference mark tablet stamped "NO 1 1957" cemented in drill hole in solid rock, 24.46 ft. from station mark in azimuth 226°40'.

Reference mark No. 2: Standard reference mark tablet stamped "NO 2 1957" cemented in drill hole in solid rock, 24.72 ft. from station mark in azimuth 330°00'.

Reference mark No. 3: Center of Phoenix-El Paso Airways Beacon No. 24, 28.75 ft. from station mark in azimuth 276°01' (Note: This beacon was intersected but not described by C&GS in 1938)(G.P. by C&GS)

Top light 60.9 ft.
Bottom platform 54.0

*Amirson from
1940-1942
by AMS 1990*

APACHE

SKULL CANYON

PARAMORE CRATER

SKELSTON CANYON

ARIZONA ZONE EAST

X=811,273.4

Y=246,258.6

NAD 83 VALUES AVAILABLE N.A. elevation 5280 ft.

Latitude: 31°40'23.309"

Longitude: 109°09'57.920"

To Station	Azimuth	Back Azimuth	Feet
Red Hill (C&GS)	34°09'49.5"	214°07'14.6"	45,537.2
Sentinel Pk. L.O.T.	155 12 25.5	335 10 01.6	56,310.0
Darnell	188 10 25.3	8 11 12.6	54,555.9
Rodeo	221 06 46.7	41 12 01.1	78,366.0
Owl	269 37 05.3	89 41 54.9	47,669.8
Peloncillo (C&GS)	319 56 00.7	139 59 38.2	55,769.3

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12. 12
Mexico (8)
1927 N.A.D. (Adj. 1958) NAD 83 VALUES AVAILABLE

Hidalgo County

OWL

D.W. Ruthven, 1957

Books: PH 491-492

Located about 23 mi. N. of the United States-Mexico Border and 2.5 mi. E. of the Arizona-New Mexico State Line, on the N. end of the high ridge just S. of Skull Canyon. (The ridge is higher than the station to the S.)

To reach from Douglas, Arizona Post Office, drive NE. on U.S. Highway 80 for 43.0 mi. to Apache Store; continue 5.9 mi. to rd. forks; leave hwy. and go right on dirt rd. for 1.9 mi. to rd. forks; take left fork, pass old buildings for 3.7 mi. to rd. forks; take right fork 0.7 mi. to abandoned house; continue past house 0.3 mi. to rd. forks; take right fork 0.3 mi. to rd. and drain crossing; leave rd. to E. for 0.4 mi. to base of hill. Climb to first, prominent top and station. A 1½-hr. climb. New Description
12 Aug

Station mark: Standard tablet stamped "OWL 1957" cemented in solid rock.

Reference mark No. 1: Standard reference mark tablet stamped "NO 1 1957" cemented in solid rock, 18.59 ft. from station mark in azimuth 154°56'.

Reference mark No. 2: Standard reference mark tablet stamped "NO 2 1957" cemented in solid rock, 21.96 ft. from station mark in azimuth 265°37'.

Signal: White flag over red X-tgt. on 2 X 2 X 8 ft. pole centered over station mark.

ARIZONA ZONE EAST
X=858,938.5
Y=247,013.6

V.A. elevattion 6625 ft.

NEW MEXICO ZONE WEST
X=133,047.4
Y=247,103.3

NAD 83 VALUES AVAILABLE

Latitude: 31°40'26.122"

Longitude: 109°00'46.332"

<u>To Station</u>	<u>Azimuth</u>	<u>Back Azimuth</u>	<u>Feet</u>
Peloncillo (C&GS)	15°23'27.2"	195°22'15.5"	44,580.0
Red Hill (C&GS)	62 39 37.2	242 32 13.0	82,510.2
Squaw Mtn.	89 41 54.9	269 37 05.3	47,669.8
Darnell	143 27 03.5	323 23 00.6	66,895.1
Rodeo	183 50 30.5	3 50 54.6	58,851.1

2/27/58 1g /
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